

Form PTO-1449  
(REV. 8-83)US Dept. of Commerce  
PATENT & TRADEMARK OFFICEATTY DOCKET NO.  
104222APPLICATION NO.  
09/874,039

## INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

APPLICANT(S)  
L. H. MAINWARING et al.FILING DATE  
June 6, 2001GROUP  
3728

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
LKB		2,133,122	10/1938	Swain		
		2,705,579	4/1955	Mason		
		3,524,537	4/1970	Winter		
		3,573,069	3/1971	Keller et al.		
		3,730,337	5/1973	White		
		3,520,306	7/1970	Gardner et al.		
		3,835,834	9/1974	Brown et al.		
		4,138,014	2/1979	Bouman		
		4,690,676	9/1987	Moulding, Jr., et al.		
		4,781,696	11/1988	Moulding, Jr., et al.		
		4,844,251	7/1989	Gueret		
		4,877,036	10/1989	Saint-Amand		
		4,880,111	11/1989	Bagwell et al.		
		4,903,708	2/1990	Saint-Amand		
		4,930,637	6/1990	DeRoseau		
		5,038,938	8/1991	Berndt		

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)


EXAMINER

L.K. Bui

DATE CONSIDERED

7/18/03

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Form PTO-1449 (REV. 8-83)  US Dept. of Commerce PATENT & TRADEMARK OFFICE  INFORMATION DISCLOSURE STATEMENT  (Use several sheets if necessary)	ATTY DOCKET NO. 104222	APPLICATION NO. 09/874,039
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	FILING DATE June 6, 2001	GROUP 3728

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
LNB	4,944,427	7/1990	Yamada et al.		
	5,066,299	11/1991	Bellingham		
	5,167,973	12/1992	Snyder		
	5,203,459	4/1993	Wade		
	5,259,835	11/1993	Clark et al.		
	5,277,920	1/1994	Weaver Jr.		
	5,292,333	3/1994	Johnson		
	5,456,361	10/1995	Walsh et al.		
	5,562,705	10/1996	Whiteford		
	5,569,302	10/1996	Proto et al.		
	5,660,273	8/1997	Discko, Jr.		
	5,727,679	3/1998	Newarski		
	5,779,053	7/1998	Partika et al.		
	5,794,774	8/1998	Porcelli		
	5,947,296	9/1999	Castora		
	5,979,658	11/1999	Allen et al.		

## FOREIGN PATENT DOCUMENTS

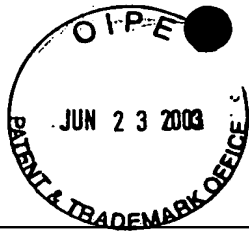
DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)


EXAMINER L.K. Bu1	DATE CONSIDERED 7/18/03
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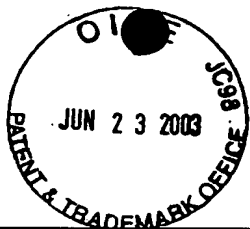
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	
LH2		5,986,246	11/1999	Lee			
		5,989,205	11/1999	Pond et al.			
		6,010,462	1/2000	Stoermer, III			
		6,012,586	1/2000	Misra			
		6,085,907	7/2000	Hochmeister et al.			
		6,105,761	8/2000	Peuker et al.			
		6,186,971	2/2001	Naughton			
		6,206,192	3/2001	Winstead et al.			
		6,213,767	4/2001	Dixon et al.			
		6,216,885	4/2001	Guillaune			
		6,228,324	5/2001	Hasegawa et al.			
		6,283,933	9/2001	D'Alessio et al.			
		6,305,541	10/2001	Tanner et al.			
		6,312,258	11/2001	Ashman			
		6,329,564	12/2001	Lebner			
		6,340,097	1/2002	D'Alessio et al.			
		6,341,694	1/2002	Dawood			
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L.H.		4,648,532	3/1987	Green			
		4,826,047	5/1989	Heflin			
		4,972,969	11/1990	Randklev			
		5,042,690	8/1991	O'Meara			
		3,728,375	4/1973	Coover, Jr. et al.			
		3,970,505	7/1976	Hauser et al.			
		4,297,160	10/1981	Kusayama et al.			
		4,340,708	7/1982	Gruber			
		4,777,230	10/1988	Kamath			
		5,130,369	7/1992	Hughes et al.			
		5,328,687	7/1994	Leung et al.			
		5,928,611	7/1999	Leung			
	6,217,603	4/2001	Clark et al.				
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